

Title (en)
PROCESSES TO PRODUCE ACALABRUTINIB

Title (de)
VERFAHREN ZUR HERSTELLUNG VON ACALABRUTINIB

Title (fr)
PROCESSUS DE PRODUCTION DE L'ACALABRUTINIB

Publication
EP 3706740 A4 20210728 (EN)

Application
EP 18873306 A 20181105

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Abstract (en)
[origin: WO2019090269A1] The present invention relates to a method for preparing the compound of formula IV, compound of formula XI, and acalabrutinib, a new generation of bruton tyrosine kinase (BTK) inhibitor.

IPC 8 full level
C07D 213/75 (2006.01); **A61K 31/437** (2006.01); **A61K 31/495** (2006.01); **A61K 31/4985** (2006.01); **C07D 403/12** (2006.01); **C07D 471/02** (2006.01); **C07D 471/04** (2006.01); **C07D 487/04** (2006.01)

CPC (source: EP US)
C07D 213/75 (2013.01 - EP US); **C07D 403/12** (2013.01 - EP US); **C07D 471/02** (2013.01 - EP); **C07D 471/04** (2013.01 - EP); **C07D 487/04** (2013.01 - EP US); **C07F 5/025** (2013.01 - EP US)

Citation (search report)
• [Y] WO 2015048689 A1 20150402 - PHARMACYCLICS INC [US]
• [A] WO 2013010868 A1 20130124 - MSD OSS BV [NL], et al
• [A] WO 2014019344 A1 20140206 - SUNSHINE LAKE PHARMA CO LTD [CN]
• [Y] BERG STEFAN ET AL: "Discovery of Novel Potent and Highly Selective Glycogen Synthase Kinase-3[beta] (GSK3[beta]) Inhibitors for Alzheimer's Disease: Design, Synthesis, and Characterization of Pyrazines - Supporting information", JOURNAL OF MEDICINAL CHEMISTRY AMERICAN CHEMICAL SOCIETY, vol. 55, no. 21, 1 January 2012 (2012-01-01), pages s1 - s39, XP055784339
• See references of WO 2019090269A1

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WO 2019090269 A1 20190509; EP 3706740 A1 20200916; EP 3706740 A4 20210728; US 11161851 B2 20211102; US 2020354368 A1 20201112

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